Roland

MIDI DIGITAL PIANO

ep-7e

Owner's Manual Page 3
Bedienungsanleitung Seite 17
Mode d'Emploi Page 31
Manuale Istruzioni Pagina 45

For Nordic Countries

Apparatus containing Lithium batteries

ADVARSEL!

Lithiumbatteri. Eksplosionsfare.
Udskiftning må kun foretages af en sagkyndig, og som beskrevet i servicemanual.

VARNING!

Lithiumbatteri. Explosionsrisk.
Får endast bytas av behörig servicetekniker.
Se instruktioner i servicemanualen.

ADVARSEL!

Lithiumbatteri. Fare for eksplotion.
Må bare skiftes av kvalifisert tekniker som beskrevet i servicemanualen.

VAROITUS!

Lithiumparisto. Räjähdysvaara.
Pariston saa vaihtaa ainoastaan alan ammottimies.

For West Germany

Bescheinigung des Herstellers/Importeurs

Hiermit wird bescheinigt, daß der/die/das

Roland ep.7e

(Gerät. Typ. Bezeichnung)

in Übereinstimmung mit den Bestimmungen der

Amtsbl. Vfg 1046/1984

(Amtsblattverfügung)

funk-entstört ist.

Der Deutschen Bundespost wurde das Inverkehrbringen dieses Gerätes angezeigt und die Berechtigung zur Überprüfung der Serie auf Einhaltung der Bestimmungen eingeräumt.

Roland Corporation Osaka/Japan

Name des Herstellers/Importeurs

For the USA

RADIO AND TELEVISION INTERFERENCE

WARNING — This equipment has been verified to comply with the limits for a Class B computing device, pursuant to Subpart J, of Part 15, of FCC rules. Operation with non-certified or non-verified equipment is likely to result in interference to radio and TV reception.

The equipment described in this manual generates and uses radio frequency energy. If it is not installed and used properly, that is, in strict accordance with our instructions, it may cause interference with radio and television reception. This equipment has been tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J, of Part 15, of FCC Rules. These rules are designed to provide reasonable protection against such a interference in a rasidential installation. However, there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by the following measure:

- Disconnect other devices and their input/output cables one at a time. If the interference stops, it is caused by either the other device or its I/O cable.
  These devices usually require Roland designated shielded I/O cables. For Roland devices, you can obtain the proper shielded cable from your dealer. For non Roland devices, contact the manufacturer or dealer for assistance.
  If your equipment does cause interference to radio or television reception, you can try to correct the interference by using one or more of the following measures.
- Turn the TV or radio antenna until the interference stops.
- Move the equipment to one side or the other of the TV or radio.
- Move the equipment farther away from the TV or radio.
- Plug the equipment into an outlet that is on a different circuit than the TV or radio. (That is, make certain the equipment and the radio or television set are on circuits controlled by different circuit breakers or fuses.)
- Consider installing a rooftop television antenna with coaxial cable lead-in between the antenna and TV. If necessary, you should consult your dealer or an experienced radio/television technician for additional suggestions. You may find helpful the following booklet prepared by the Federal Communications Commission:
  "How to Identify and Resolve Radio — TV Interference Problems"
  This booklet is available from the U.S. Government Printing Office, Washington, D.C., 20402, Stock No. 004-000-00345-4.

For Canada

CLASS B **NOTICE**

This digital apparatus does not exceed the Class B limits for radio noise emissions set out in the Radio Interference Regulations of the Canadian Department of Communications.

CLASSE B **AVIS**

Cet appareil numérique ne dépasse pas les limites de la classe B au niveau des émissions de bruits radioélectriques fixés dans le Réglement des signaux parasites par le ministère canadien des Communications.

Roland ep-7e DIGITAL PIANO

OWNER'S MANUAL

Thank you, and congratulations on your choice of the Roland ep-7e.
The ep-7e Digital Piano, designed to make it easier for more people to have fun with music, has firm roots in the same leading-edge technology and manufacturing know-how that has made Roland a leader in electronic musical instrument development.
The ep-7e provides a selection of 5 realistic sounds (including piano) and offers a keyboard that is a pleasure to play.
What's more, the instrument provides a complete range of features, including a convenient recording function.

To make sure you are comfortable in using all the features the ep-7e offers, and to ensure satisfaction for years to come, please read this Owner's Manual in its entirety before starting out.

© 1990 ROLAND CORP.
Unauthorized copy or transfer of this document by any means, whether in whole or in part, is strictly prohibited.

IMPORTANT NOTES

[Power Supply]
- Be sure to use only the AC adaptor supplied with the unit. Use of any other power adaptor could result in damage, malfunction or electric shock.
- When making any connections with other devices, always turn off the power to all equipment first; this will help prevent damage or malfunction.
- Do not use this unit on the same power circuit with any device that will generate line noise, such as a motor or variable lighting system.
- The power supply required for this unit is shown on its nameplate. Ensure that the line voltage of your installation meets this requirement.
- Avoid damaging the power cord; do not step on it, place heavy objects on it, etc.
- When disconnecting the AC adaptor from the outlet, grasp the plug inset, never pull on the cord.
- If the unit is to remain unused for a long period of time, unplug the power cord.

[Placement]
- Do not subject the unit to temperature extremes (eg. direct sunlight in an enclosed vehicle). Avoid using or storing the unit in dusty or humid areas or areas that are subject to high levels of vibration.
- Using the unit near power amplifiers (or other equipment containing larger transformers) may induce hum.
- This unit may interfere with radio and television reception. Do not use this unit in the vicinity of such receivers.
- Do not expose this unit to temperatures extremes (eg. direct sunlight in an enclosed vehicle can deform or discolor the unit) or install it near devices that radiate heat.

[Maintenance]
- For everyday cleaning wipe the unit with a soft, dry cloth (or one that has been slightly dampened with water). To remove stubborn dirt, use a mild neutral detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.
- Never use benzene, thinners, alcohol or solvents of any kind, to avoid the risk of discoloration and/or deformation.

[Memory Backup]
- The unit contains a battery which maintains the contents of memory while the main power is off. The expected life of this battery is 5 years or more. However, to avoid the unexpected loss of memory data, it is strongly recommended that you change the battery every 5 years. Please be aware that the actual life of the battery will depend on the phisical environment (especially temperature) in which the unit is used. When it is time to change the battery, consult with qualified service personnel.
- Please be aware that the contents of memory may at times be lost; when the unit is sent for repairs or when by some chance a malfunction has occurred.

[Additional Precautions]
- Protect the unit from strong impact.
- Do not allow objects or liquids of any kind to penetrate the unit. In the event of such an occurrence, discontinue use immediately. Contact qualified service personnel as soon as possible.
- Before using the unit in a foreign country, consult with qualified service personnel.
- Should a malfunction occur (or if you suspect there is a problem) discontinue use immediately. Contact qualified service personnel as soon as possible.

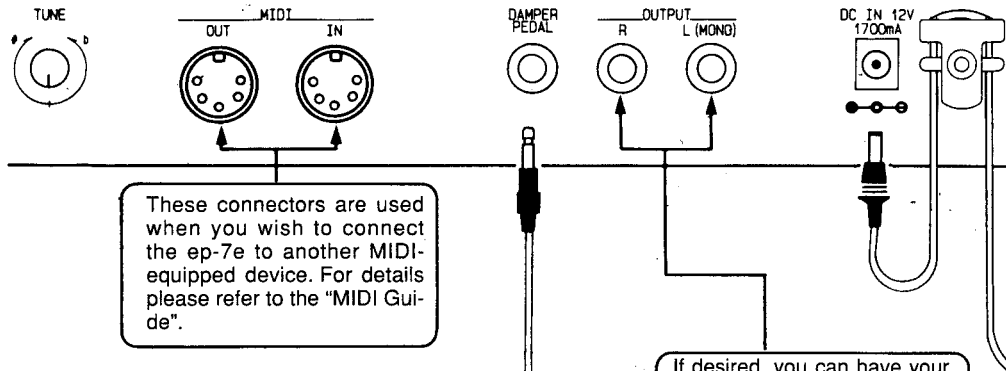
SPECIFICATIONS

KEYBOARD	76 weighted keys with touch-sensitivity.
MAX POLYPHONY	24 notes
VOICES	Five (Piano, Electric Piano, Vibraphone, Organ, Strings)
EFFECTS	Chorus, Reverb
RECORDER	Provides for recording and playback, as well as tempo changes. (Can record a maximum of 4 pieces, or approximately 1,600 notes).
MASTER TUNING	Range: approx. +/- 50 cents
BUTTONS	Power Switch (POWER) Tempo Adjustement Buttons (TEMPO): 2 Recording Button (REC): 1 Playback Button (PLAY): 1 Voice Buttons (PIANO, E. PIANO, VIBRAPHONE, ORGAN, STRINGS): 5 Chorus Button (CHORUS): 1 Reberb Button (REVERB): 1
KNOBS/SLIDERS	Tuning Knob (TUNE): 1 Volume Control Slider (VOLUME): 1
	Piece Selection Slider (PIECE): 1
CONNECTORS/ JACKS	AC Adaptor Jack (DC IN): 1 MIDI IN Connector: 1 MIDI OUT Connector: 1 Damper Pedal Jack (DAMPER): 1 Output Jacks (OUTPUT L[MONO]/R): 2 Hedphone Jacks (PHONES): 2
SPEAKERS	12 cm.: 2
OUTPUT	5 W x 2
DIMENSIONS	1153(W) x 339(D) x 100(H) mm.
WEIGHT	11 kg. (without AC adaptor)
POWER CONSUMPTION	1700 mA (DC 12 V)
SUPPLIED ACCESSORIES	Damper Pedal, AC Adaptor, Music Stand, Owner's Manual, MIDI Guidebook, Warranty Information
OPTIONS	Keyboard Stand, Headphones.

* Specifications and/or external appearance of this product are subject to change without notice.

MAKING THE CONNECTIONS/POWERING UP

Before making any connections, make sure you have the power on your instrument turned off.

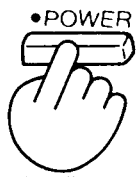


These connectors are used when you wish to connect the ep-7e to another MIDI-equipped device. For details please refer to the "MIDI Guide".

Cord Hook
The Cord Hook conveniently allows you to secure the AC adaptor cord, thus preventing it from accidently coming loose while the unit is being played.

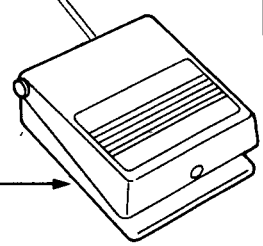
If desired, you can have your keyboard produce a more impressive sound by connecting it with a stereo system or amplifier/speaker setup. To connect the units, plug audio cables into the keyboard's Output jacks and plug the other ends into the Input jacks on your Sound system. If the equipment you are going to use can only receive a monaural signal, use the keyboard's L (Mono) Output jack.

Once all connections have been properly made, press the Power Switch to turn the unit on.

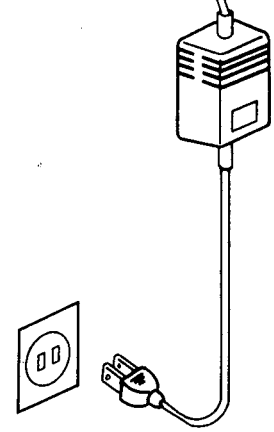


(The red indicator will light).

With the pedal depressed, notes will linger on after being played. With sounds which maintain a constant volume level, such as Strings and Pipe Organ, notes you play will continue sounding as long as the pedal is depressed.



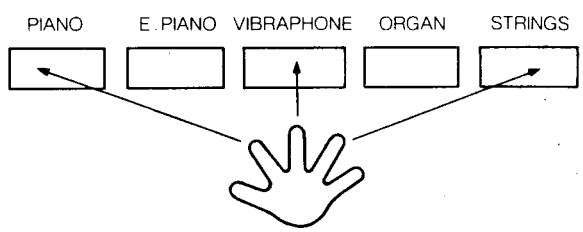
Use the DP-2 pedal



The supplied AC adaptor: ACJ-220 (or ACJ-240E for U.K.)

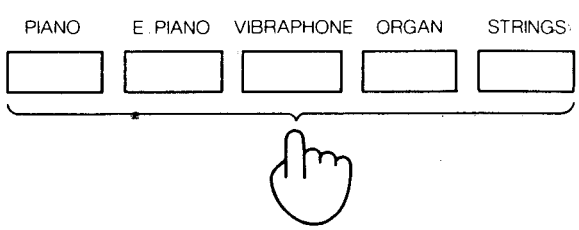
LISTENING TO THE DEMO

① Press PIANO, VIBRAPHONE and STRINGS simultaneously.

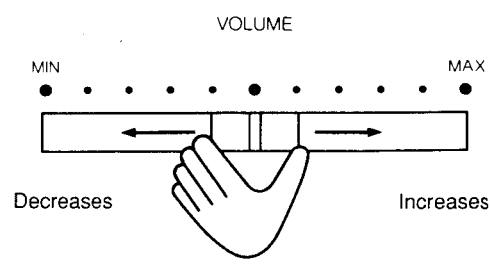


The demonstration song will start playing.

③ To stop playback of the demo, press any Voice button.



② Adjust the volume.



VOICE BUTTONS

Provides selection of the sound you desire.

BUTTON	VOICE DESCRIPTION
PIANO	A realistic grand piano sound.
E.PIANO	The dazzling sound of an electric piano.
VIBRAPHONE	A refreshing vibraphone sound.
ORGAN	The sublime, impressive sound of a pipe organ.
STRINGS	The sound of a string ensemble.

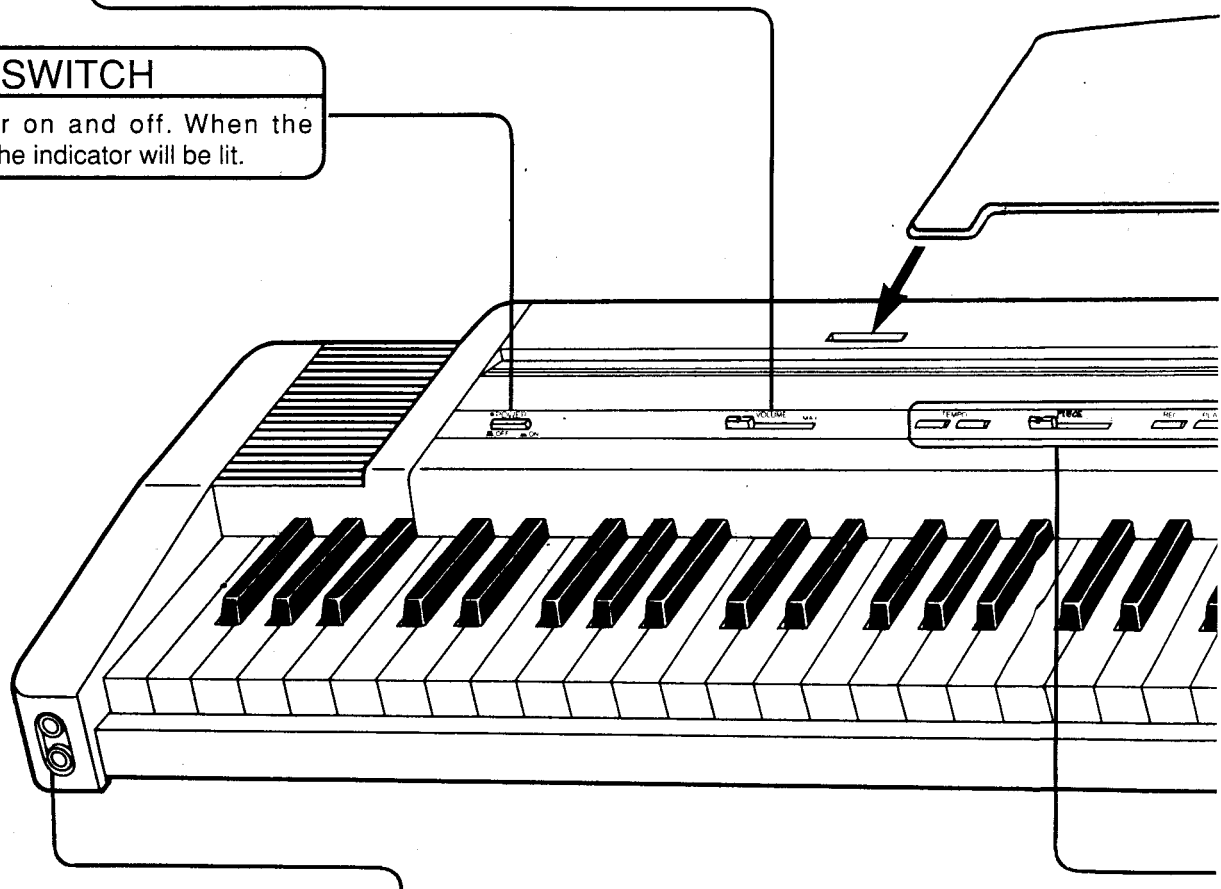
* If you wish, you can press two buttons at the same time – you can then play with the two voices layered together

VOLUME SLIDER

Adjust the volume obtained through the speakers or headphones. The further it is moved to the right, the greater the volume level becomes.

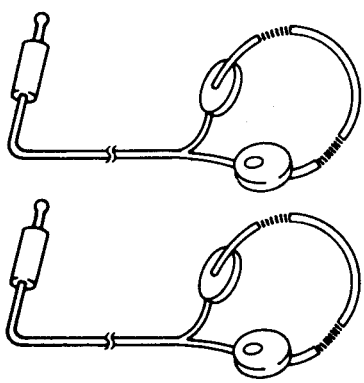
POWER SWITCH

Turns power on and off. When the power is on, the indicator will be lit.



HEADPHONE JACKS

The ep-7e can accommodate two sets of headphones at the same time. Once headphones are connected to either (or both) of these jacks, sound is no longer output from the speakers. This makes it ideal for times when you wish to play without disturbing those around you (late at night, for example).



(RH-100, etc.; sold separately)

CHORUS BUTTON

The chorus effect makes one instrument sound like several of the same instrument playing in ensemble, so your music will sound richer and more expansive. (When you press this button, its indicator will light, showing that the chorus effect is on).

* The instrument stores the Chorus settings (on or off) on an individual voice basis (including any selections where two voices have been layered). Once power is turned off, however, the default settings are restored.

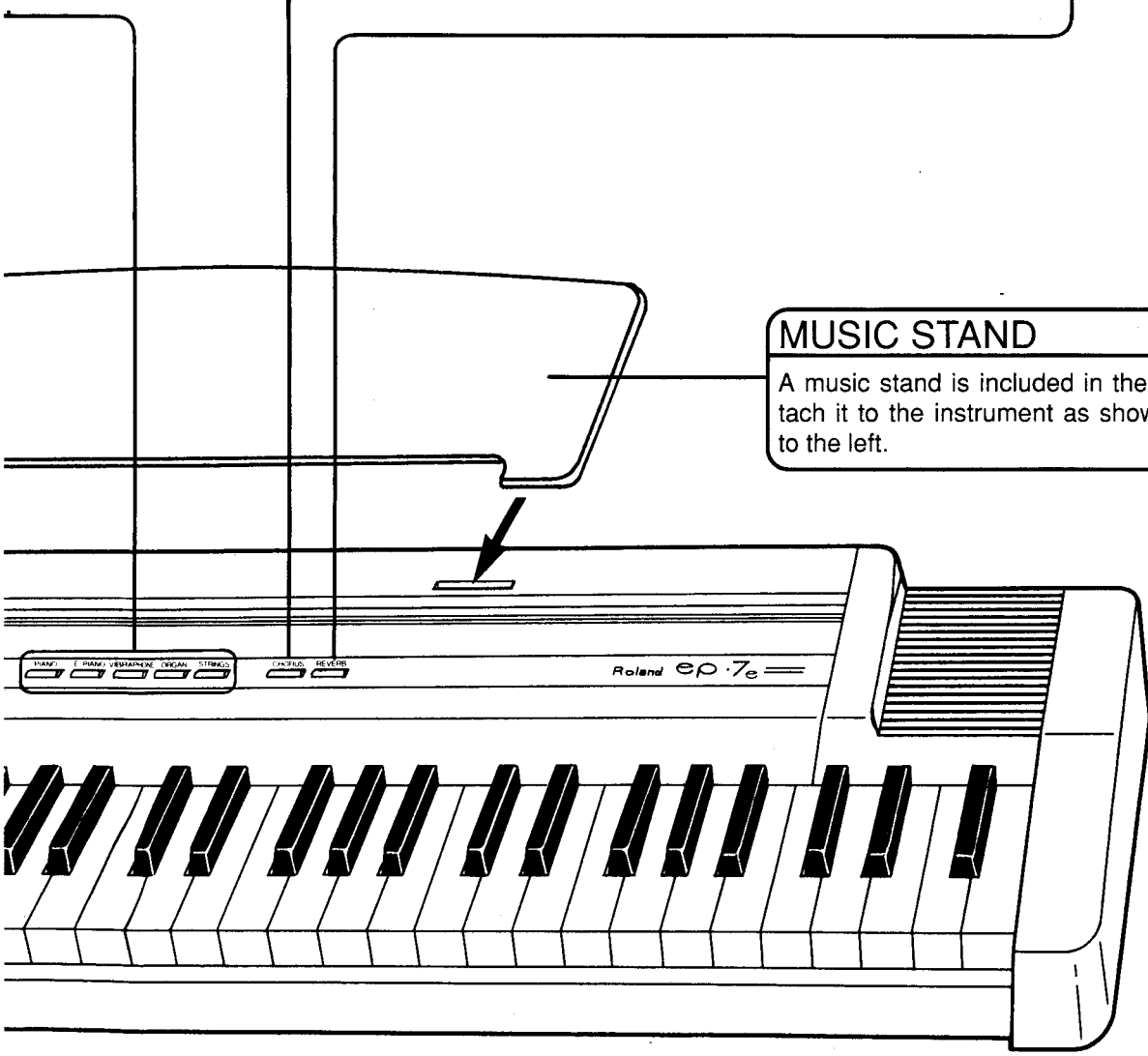
REVERB BUTTON

The reverb effect adds reverberation (a complex type of echo) to the notes you play, creating the ambience of a room that is more acoustically "alive". (When you press this button, its indicator will light, showing that the reverb effect is on).

* The instrument stores the Reverb settings (on or off) on an individual voice basis (including any selections where two voices have been layered). Once power is turned off, however, the default settings are restored.

MUSIC STAND

A music stand is included in the packing carton. Attach it to the instrument as shown in the illustration to the left.

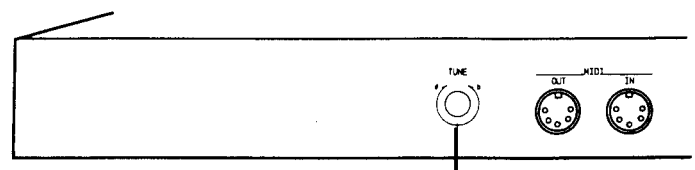


See next page

TUNE KNOB

This knob allows you to precisely adjust the pitch of the ep-7e so it matches that of some other instrument; useful when playing in an ensemble. When the knob is rotated clockwise, the pitch rises; when rotated counter-clockwise, it is lowered.

* With the knob at the center position, the frequency of the A (LA) key in the middle of the keyboard will be 440.0 Hz.
* By turning the knob completely in either direction, you obtain a pitch change of about 50 cents (1/2 of a half-step).

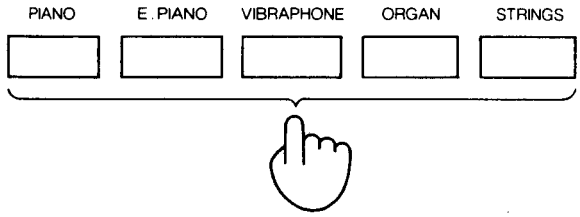


THE RECORDER

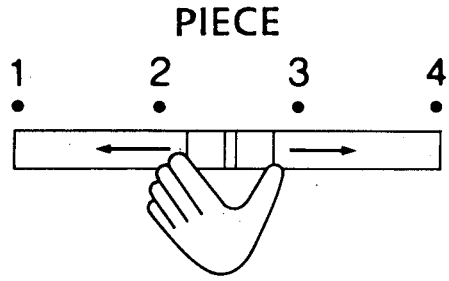
The recorder allows you to capture what you play, and then listen to the playback whenever you like.

RECORDING

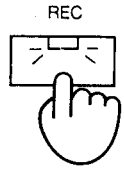
① Select the voice you intend to use.



② The ep-7e can accommodate four different pieces. Here you need to select the number of the piece that you are going to record.

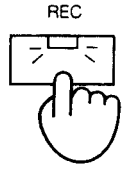


③ Press the REC button (The red indicator will light).



④ Start playing (The moment you begin playing, the recording will also start).

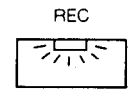
⑤ When you are finished, press the REC button again (The indicator will go out).



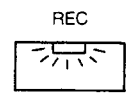
- Everything you do while recording is in progress, including such things as changing voices or pressing the Chorus and Reverb buttons, will be faithfully recorded.

- The recording feature provides for a combined total (within all 4 pieces) of approximately 1,600 notes.

☆ When you are running out of space for additional notes...

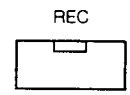


the red indicator on the REC button will start blinking.



the REC button indicator will blink more rapidly.

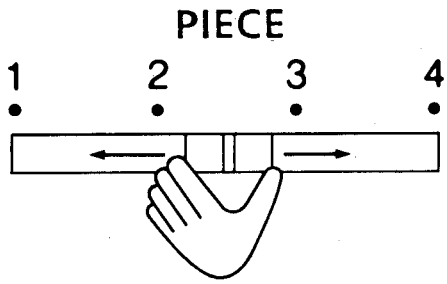
☆ When you reach the point where no more notes can be recorded...



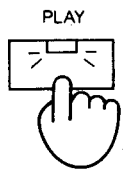
the indicator on the REC button goes out, and the recording stops automatically.

PLAYBACK

① Select the number of the piece you wish to hear.



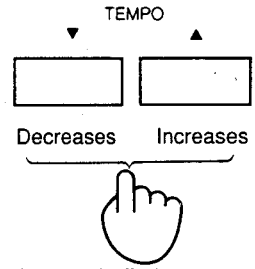
② Press the PLAY button.
Playback will begin.
(The green indicator will light).



When the end of the piece is reached, the playback mode stops automatically. (The indicator goes out).

Should you want to stop playback at any time, press the PLAY button.

☆ If you wish to alter the playback tempo...



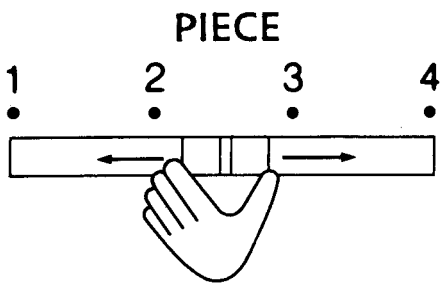
* When the power is turned off, the tempo reverts to that which the piece was originally recorded at.

- If you desire, you can play an accompaniment part (using any voice) while a recorded piece is being played back. This conveniently allows you to create an ensemble effect, even though you are playing by yourself.
  For example, you could play a melody using STRINGS to accompany a recorded piano piece.

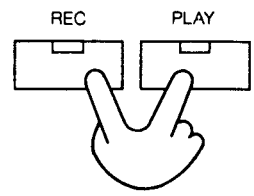
* Voice used in a recorded performance cannot be changed afterward.

To Erase Previously Recorded Songs...

① Select the piece you wish to erase.



② Press the REC and PLAY buttons simultaneously: the piece will now be completely erased.



Roland ep-7e DIGITAL PIANO

MIDI GUIDEBOOK

Read This If You Intend To Use MIDI To Join Your Keyboard With Other Electronic Instruments or Computers

The term MIDI is an acronym for the "Musical Instrument Digital Interface". MIDI is a standard that was created to allow electronic musical instruments, computers and other devices to communicate with each other. The great majority of contemporary electronic instruments provide MIDI compatibility.

A device equipped with MIDI is easily identified by the fact that it has one or more MIDI Connectors. In order to share performance information with other units, cables need to be connected using these connectors.
The ep-7e has a MIDI IN connector, used to receive MIDI messages; and a MIDI OUT connector, from which it sends messages.

The MIDI feature makes possible applications such as below:

- **The notes you play on the ep-7e can be relayed and sounded simultaneously on other MIDI-equipped instruments or sound module(*1).**
- **The ep-7e can be sounded under the control of another MIDI-equipped keyboard, or a sequencer (*2).**
- **Everything you play on the ep-7e can be recorded into a sequencer (*2).**

(*1) A sound module is a device which generates sound as a result of whatever information it receives at its MIDI IN connector. In appearance it is often box-like. Among Roland products the MT-32 is probably the most well known.

(*2) A sequencer is a device which is capable of recording and playing back MIDI messages. The PR-100 is a representative example of a Roland sequencer. There is also the MT-100, which combines a sequencer and sound module in the same unit.

Information

●When you need repair service, call your local Roland Service Station or the authorized Roland distributor in your country as shown below.

U. S. A.
Roland Corp US
7200 Dominion Circle
Los Angeles, CA. 90040 - 3647
U. S. A.
☎ (213)685 - 5141

CANADA
Roland Canada Music Ltd.
(Head Office)
13880 Mayfield Place
Richmond B. C., V6V 2E4
CANADA
☎ (604)270 - 6626

Roland Canada Music Ltd.
9425 Transcanadienne
Service Rd. N.,
St Laurent, Quebec H4S 1V3
CANADA
☎ (514)335 - 2009

Roland Canada Music Ltd.
346 Watline Avenue,
Mississauga, Ontario L4Z 1X2
CANADA
☎ (416)890 - 6488

AUSTRALIA
Roland Corporation
(Australia)Pty. Ltd.
(Head Office)
38 Campbell Avenue
Dee Why West. NSW 2099
AUSTRALIA
☎ (02)982 - 8266

Roland Corporation
(Australia)Pty. Ltd.
(Melbourne Office)
50 Garden Street
South Yarra, Victoria 3141
AUSTRALIA
☎ (03)241 - 1254

NEW ZEALAND
Roland Corporation (NZ)Ltd.
97 Mt. Eden Road, Mt, Eden,
Auckland 3
NEW ZEALAND
☎ (09)398 - 715

UNITED KINGDOM
Roland(UK)Ltd.
Amalgamated Drive
West Cross Centre, Brentford,
Middlesex TW8 9EZ,
UNITED KINGDOM
☎ (81)568 - 4578

GERMANY
Roland Elektronische
Musikinstrumente
Handelsgesellschaft mbH.
Oststrasse 96,
2000 Norderstedt
GERMANY
☎ 040/52 60 090

BELGIUM/HOLLAND/LUXEMBOURG
Roland Benelux N. V.
Houtstraat 1
B - 2431 Oevel - Westerlo
BELGIUM
☎ (0032)14 - 575811

DENMARK
Roland Scandinavia as
Langebrogade 6
Box 1937
DK - 1023 Copenhagen K.
DENMARK
☎ 31 - 95 31 11

SWEDEN
Roland Scandinavia as
DanvikCenter 28 A, 2 tr.
S - 131 30 Nacka,
SWEDEN
☎ 08 - 702 00 20

NORWAY
Roland Scandinavia
Avd. Norge
Lilleakerveien 2
Postboks 95 Lilleaker
N - 0216 Oslo 2
NORWAY
☎ 02 - 73 00 74

FINLAND
Fazer Musik Inc.
Länsituulentie
POB 169
SF - 02101 Espoo
FINLAND
☎ 0 - 43 50 11

ITALY
Roland Italy S. p. A.
Viale delle Industrie 8
20020 ARESE MILANO
ITALY
☎ 02 - 93581311

SPAIN
Roland Electronics
de España, S. A.
Bolivia 239
08020 Barcelona
SPAIN
☎ 93 - 308 - 1000

SWITZERLAND
Musitronic AG
Gerberstrasse 5, CH - 4410
Liestal
SWITZERLAND
☎ 061/921 16 15

Roland CK (Switzerland) AG
Hauptstrasse 21/Postfach
CH - 4456 Tenniken
SWITZERLAND
☎ 061/98 60 55
Repair Service by Musitronic AG

FRANCE
Musikengro
102 Avenue Jean - Jaures
69007 Lyon Cedex 07
FRANCE
☎ (7)858 - 54 60

Musikengro
(Paris Office)
Centre Region Parisienne
41 rue Charles - Fourier,
94400 Vitry s/Seine
FRANCE
☎ (1)4680 86 62

AUSTRIA
E. Dematte &Co.
Neu - Rum Siemens - Strasse 4
A - 6021 Innsbruck Box 591
AUSTRIA
☎ (0512)63 451

GREECE
V. Dimitriadis & Co. Ltd.
2 Phidiou Str., GR 106 78
Athens
GREECE
☎ 1 - 3620130

PORTUGAL
Casa Caius Instrumentos
Musicais Lda.
Rua de Santa Catarina 131
Porto
PORTUGAL
☎ 02 - 38 44 56

HUNGARY
Intermusica Ltd.
Warehouse Area 'DEPO'
Budapest. P.O. Box 3,
2045 Torokbalint
HUNGARY
☎ (1)1868905

BRAZIL
Foresight Corporation
Rua Coronel Octaviano
da Silveira
136 05522 Sao Paulo, SP
BRAZIL
☎ (011)843 - 9377

ep-7e

90-10-ep-7e-OM-E/D/F/It

Roland